

ABSTRACT OF THE DISCLOSURE

A rotary luminometer subsystem presents test vessels to a detection mechanism to be read as part of the automated immunoassay analyzer system. The rotary luminometer provides a read station separate from that
5 of the transportation element of the luminometer. Within the read station, a housing and shield eliminates light leakage from the sample under test. In addition, the read station regulates the intensity of the light by providing an attenuation capability.